

Fig.1

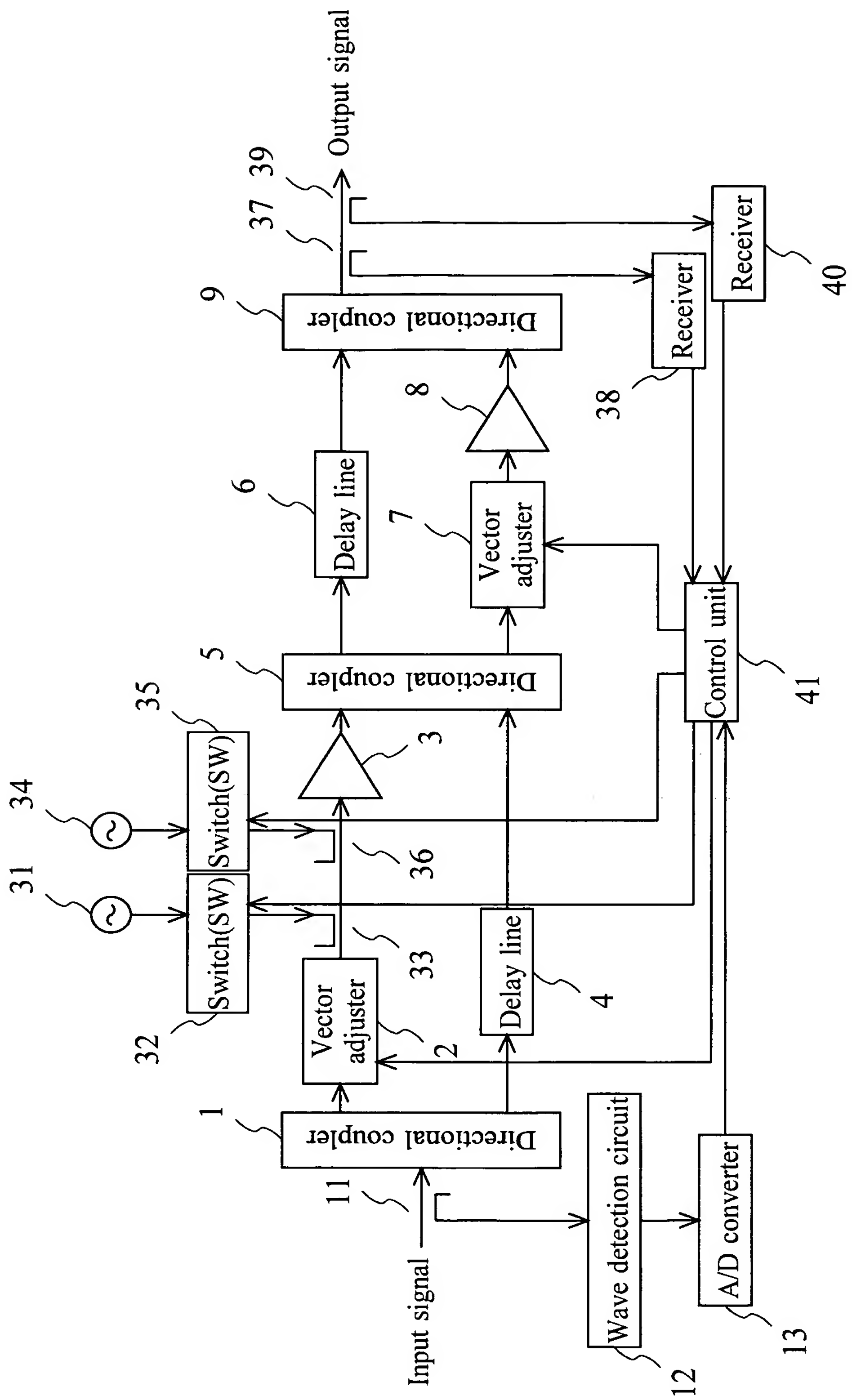


Fig.2

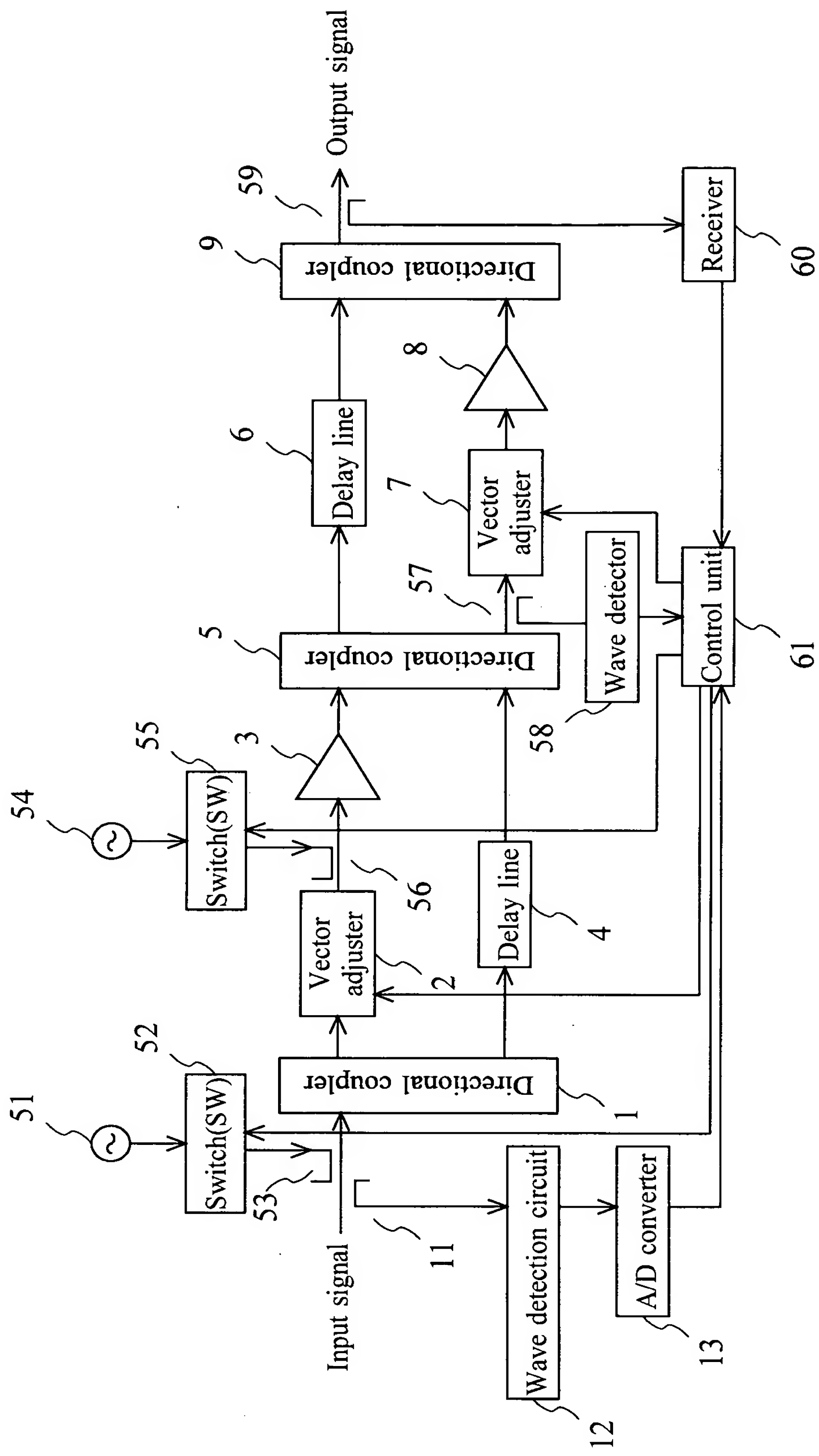


Fig.3

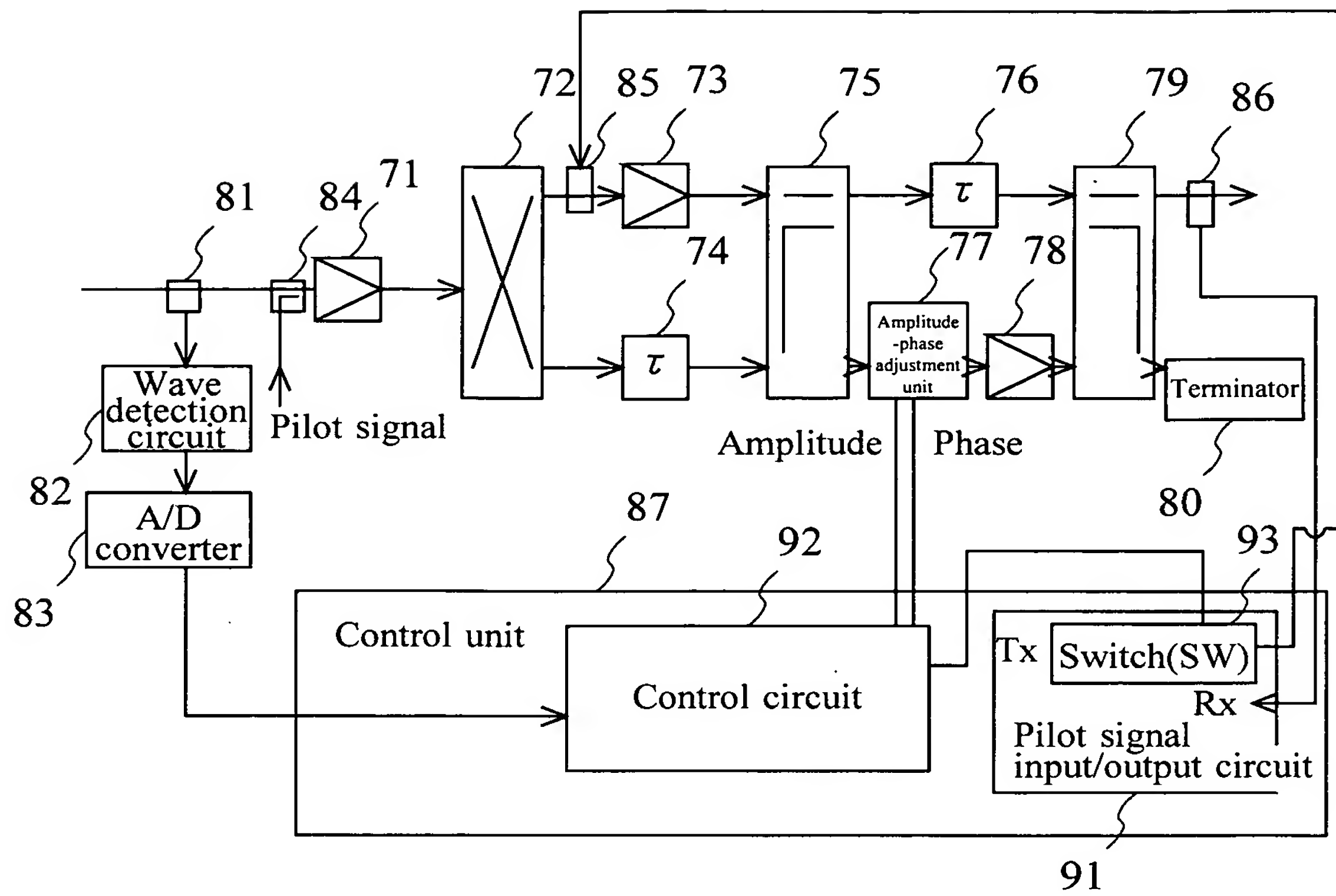


Fig.4

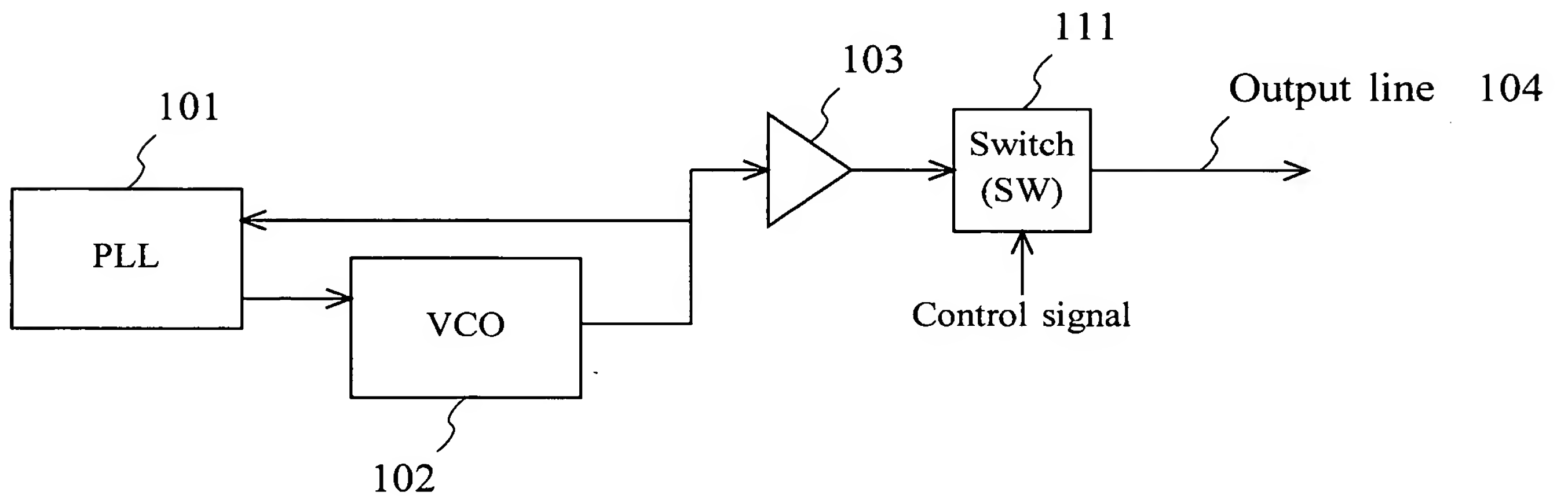


Fig.5

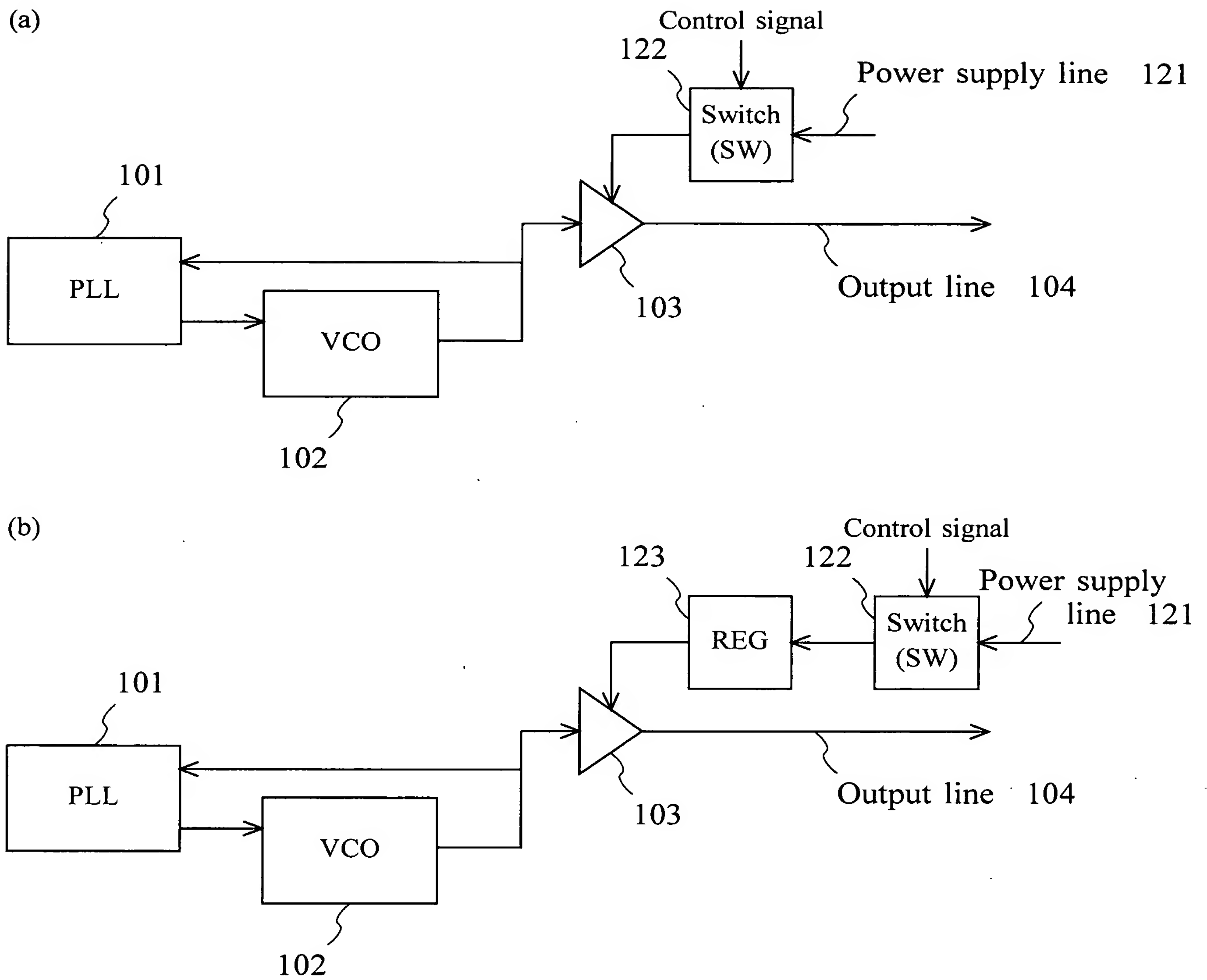


Fig.6

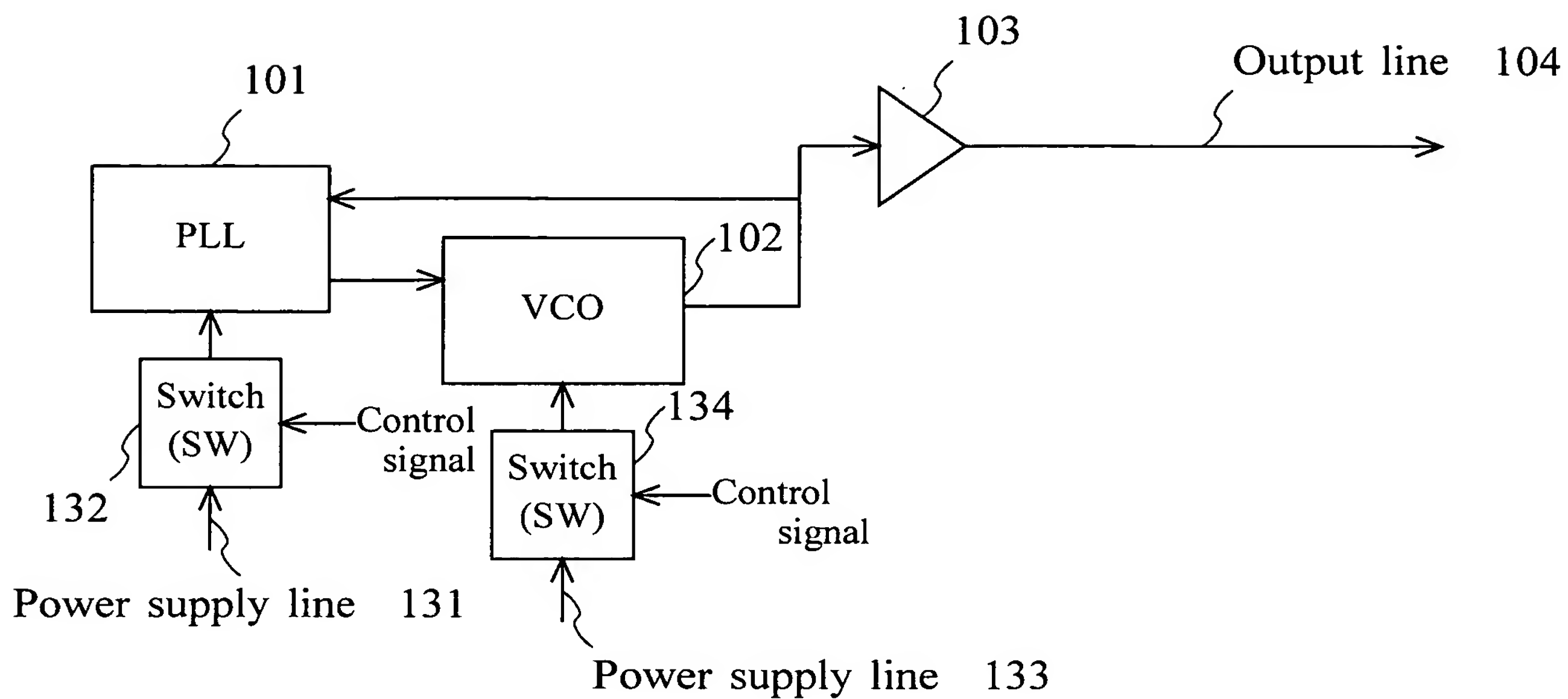
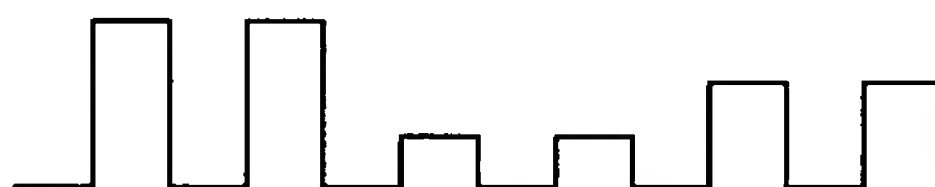
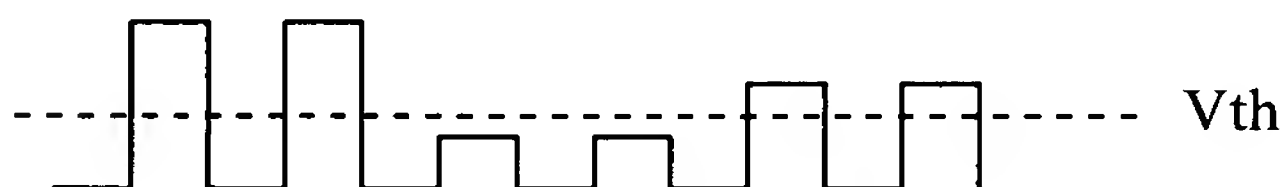


Fig.7

(a) RF Input



(b) Wave detection circuit output voltage



(c) Operational amplifier output



(d) RF input

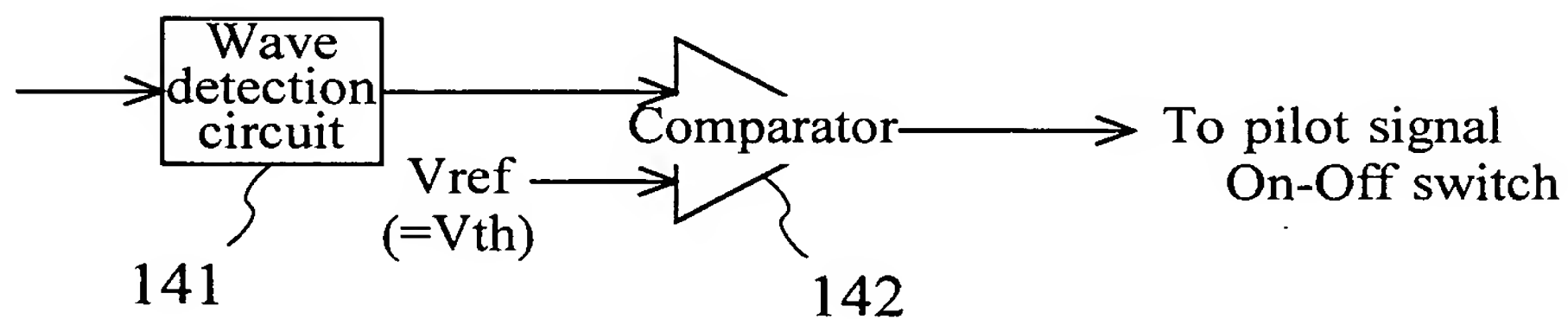


Fig.8

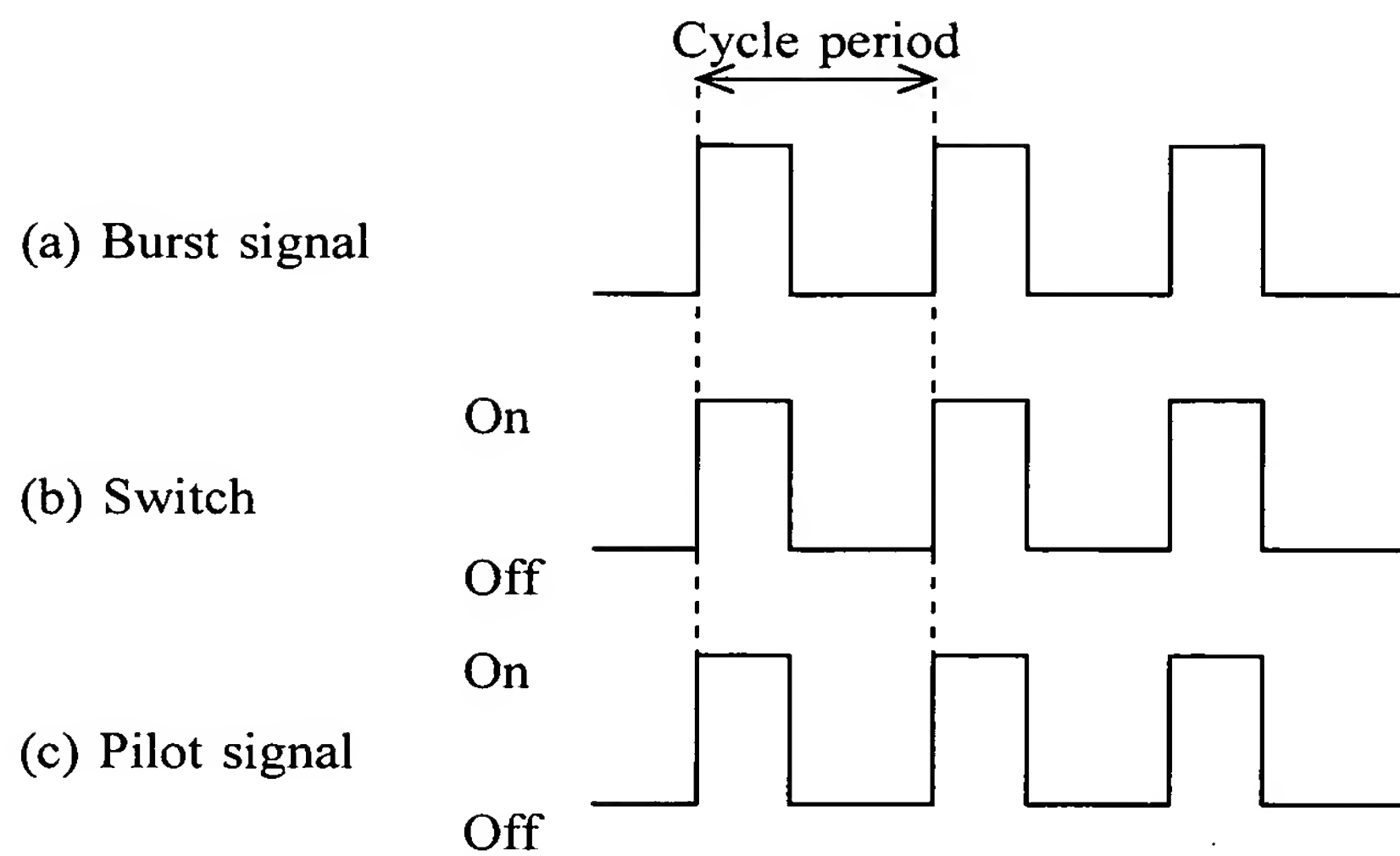


Fig.9

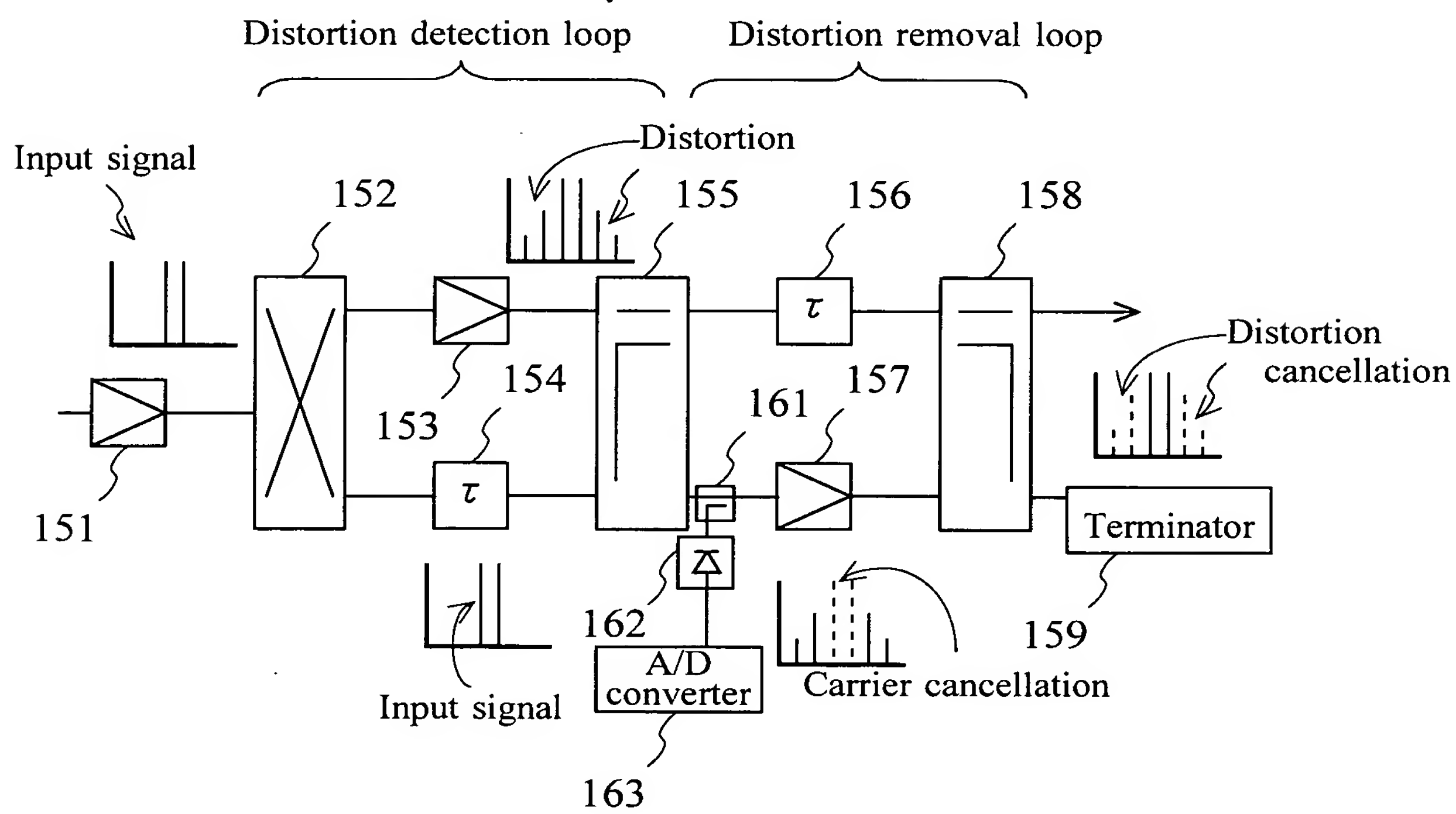


Fig.10

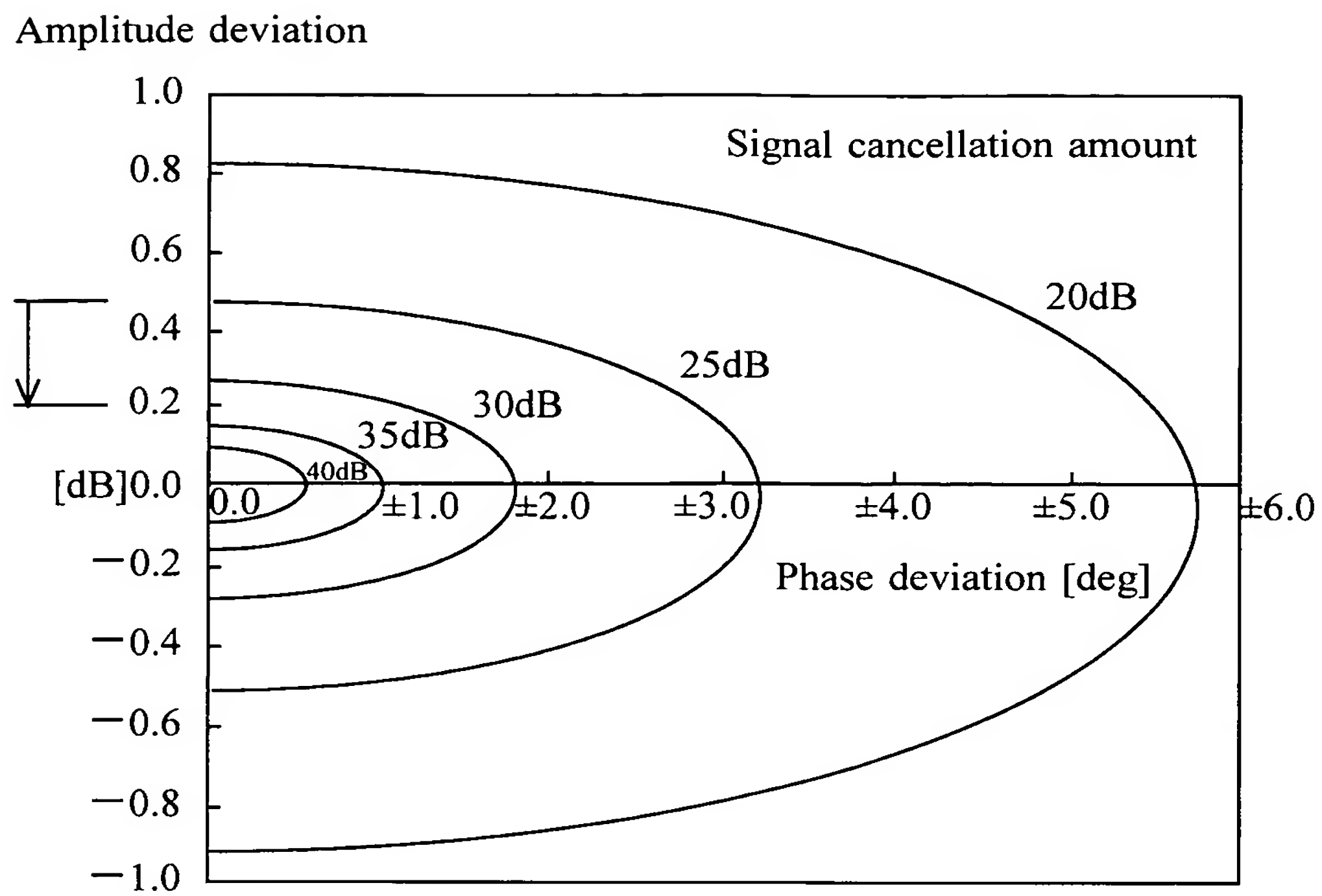


Fig.11

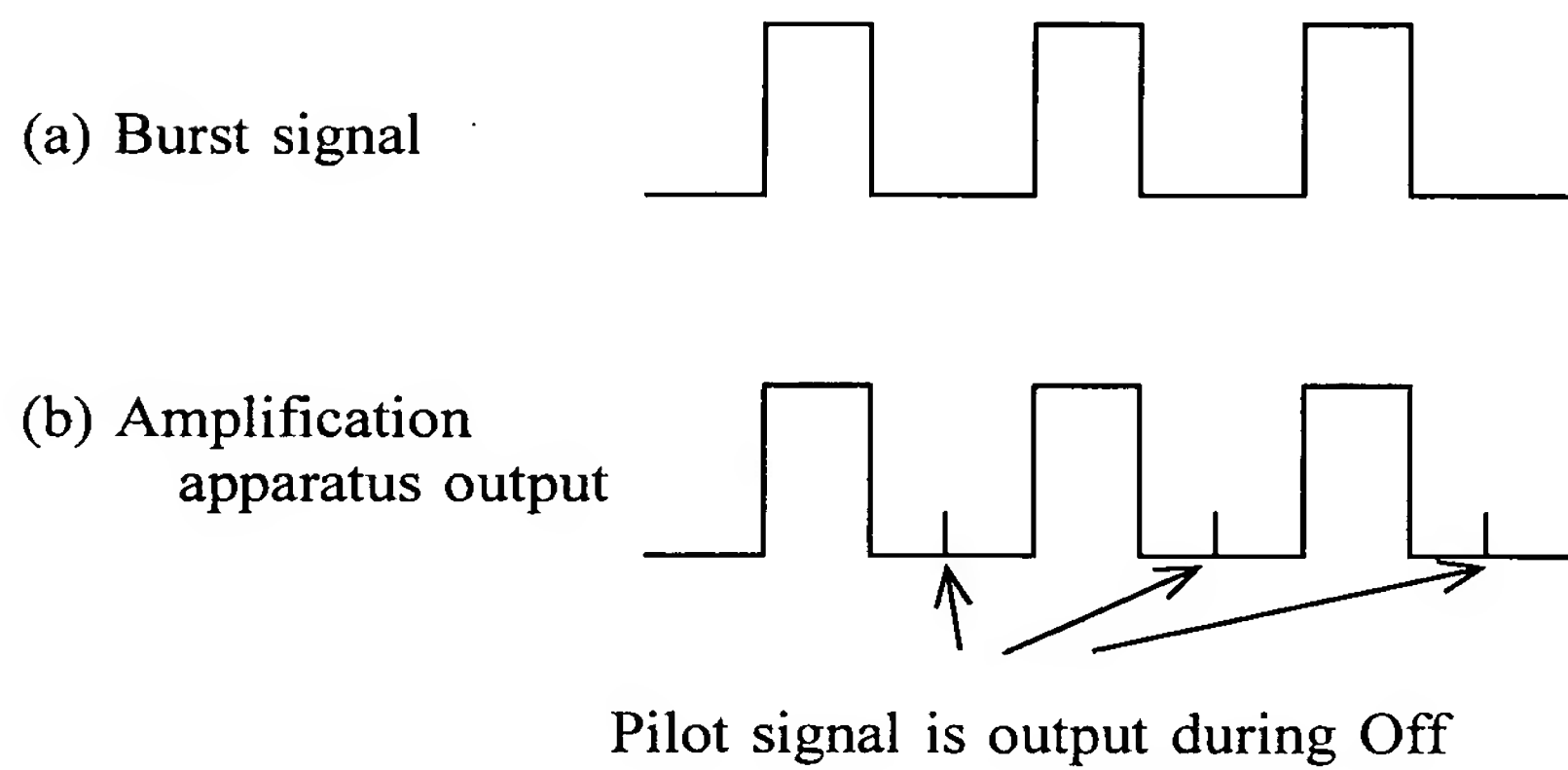


Fig.12